NACA and UJ unite

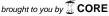In association with the University of Johannesburg, NACA is offering an introductory

Participants can attend the full course over four days, in which basic concepts in meteorological and dispersion modeling will be introduced, followed by hands-on practical modeling exercises with AERMOD. Students that successfully complete an assignment and formal examination will receive 4 credits at NQF level 8 (Honours level) in Environmental Sciences.

Alternatively, participants with background knowledge of atmospheric dispersion modeling can elect to only attend the AERMOD components of the course, over the last two days.

• Data requirements: meteorology, field, and terrain
• Dispersion factors, Gaussian Plume equations
• The need for refined air dispersion models – AERMOD
• Planetary Boundary Layer Theory and Turbulence Parameterization
• Meteorological data processing – AERMET
• Terrain data processing - AERMAP

The complete course is intended for air quality professionals working, or planning to work, in the assessment of air pollution

dispersion modeling.

to Atmospheric Dispersion Modelling,
• 1-2 March 2010 AERMOD training course (presented by Dr Jesse Thé of Lakes Environmental Software)

Course Topics
• Introduction of objectives in air dispersion models

regulatory air dispersion modeling and to use screening and refined models. Participants will work on case studies using AERMOD View.

For more details, please contact Mieke van Tienhoven (email:amvantienhoven@gmail.com) or Beverley Terry (email:bev@naca.org.za) ❏